UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.   : 6,999,601 B2   Page 1 of 2
APPLICATION NO. : 10/662067
DATED   : February 14, 2006
INVENTOR(S)   : Vladimir Pavlovic et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the title page, item (54), in "Title", in column 1, line 2, delete "SYSTEMS" and insert -- SYSTEM --, therefor.

On the title page, item (73), in "Assignee", in column 1, line 2, delete "LP," and insert -- L.P., --, therefor.

In column 1, line 2, delete "SYSTEMS" and insert -- SYSTEM --, therefor.

In column 9, line 20, delete "HI" and insert -- Π --, therefor.

In column 12, line 24, delete "transitions" and insert -- transition --, therefor.

In column 12, line 26, delete "transitions" and insert -- transition --, therefor.

In column 12, line 41, delete "transitions" and insert -- transition --, therefor.

In column 12, line 66, delete " $i_{T-1}{}^{*}=\arg \max J_{T-1,j}$ " and

insert -- $i_{T-1}^{*} = \arg \max_{j} J_{T-1,j}$ --, therefor.

In column 13, line 24, before "(Step 110)" delete " $\Sigma_{t|t,\ j}$ " and

insert -- $\Sigma_{t|t,j,j}$ --, therefor.

In column 13, line 66, delete " $P(X_T, S_n Y_T)$ " and insert -- $P(X_T, S_T|Y_T)$ --, therefor.

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In column 21, line 37, delete " $\hat{X}_{t-1|t-1}$ " and insert -- $\hat{x}_{t-1|t-1}$ --, therefor.

In column 21, line 65, delete "Z_t" and insert -- z_t --, therefor.

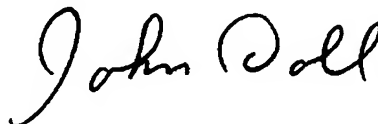In column 25, line 9, delete " $\Psi_{t-1,i}$ " and insert -- $\Psi_{t-1,i}$ --, therefor.

In column 27, line 39, delete " $K_{i,j}$ " and insert -- $K_{i,,j,}$ --, therefor.

In column 28, line 40, delete " $\overline{X}_{t|t,j}$ " and insert -- $\overline{x}_{t|t,j}$ --, therefor.

In column 28, line 40, delete " $\overline{X}_{t|t,j_r,j_r}$ " and insert -- $\overline{x}_{t|t,j_r,,j_r}$ --, therefor

Signed and Sealed this

Nineteenth Day of May, 2009

JOHN DOLL
Acting Director of the United States Patent and Trademark Office